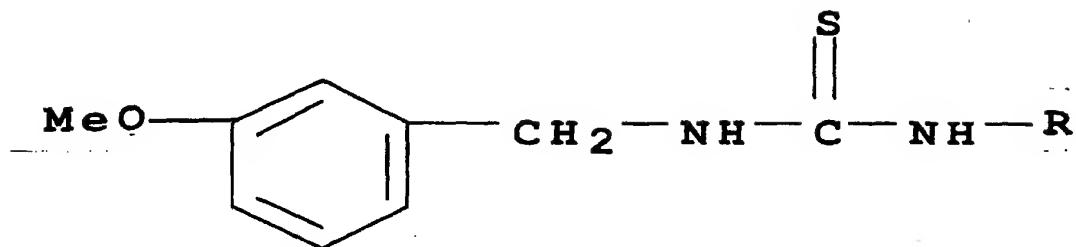


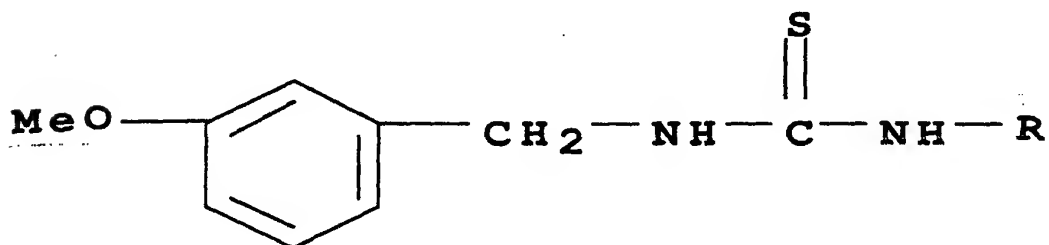
We claim:

1. A compound of the formula:



- wherein R is a C<sub>1</sub> - C<sub>20</sub> linear or branched alkyl, a C<sub>5</sub> - C<sub>7</sub> cycloalkyl, an alkoxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl, a hydroxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl, a C<sub>6</sub> - C<sub>7</sub> aryl, a hydroxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl or an alkoxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl.
2. A compound of Claim 1 wherein R is a C<sub>1</sub> - C<sub>20</sub> linear or branched alkyl.
  3. A compound of Claim 1 wherein R is a C<sub>5</sub> - C<sub>7</sub> cycloalkyl, an alkoxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl or a hydroxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl.
  4. A compound of Claim 1 wherein R is a C<sub>6</sub> - C<sub>7</sub> aryl, a hydroxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl or an alkoxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl.
  5. A compound of Claim 2 wherein R is methyl, ethyl, propyl, isopropyl, butyl, isobutyl, tert-butyl, pentyl, 2-methyl pentyl, 3-methyl pentyl, hexyl, octyl, decyl, nonyl or dodecyl.
  6. A compound of Claim 3 wherein R is cyclopentyl, cyclohexyl or cycloheptyl.
  7. A compound of Claim 4 wherein R is phenyl, benzyl, hydroxyphenyl, hydroxybenzyl, methoxyphenyl, ethoxyphenyl, methoxybenzyl or ethoxybenzyl.

8. A compound of Claim 4 wherein R is a 3-hydroxy-substituted or 3-alkoxy-substituted aryl moiety.
9. A compound of Claim 4 wherein the compound is 1,3-di(3-methoxybenzyl) thiourea, 1-(3-methoxybenzyl)-3-ethyl-2-thiourea, 1-(3-methoxybenzyl)-3-propyl-2-thiourea, 1-(3-methoxybenzyl)-3-hexyl-2-thiourea, 1-(3-methoxybenzyl)-3-dodecyl-2-thiourea, 1-(3-methoxybenzyl)-3-(4-hydroxyphenyl)-2-thiourea or 1-(3-methoxybenzyl)-3-(3-methoxyphenyl)-2-thiourea.
10. A compound of Claim 9 wherein the compound is 1,3-di(3-methoxybenzyl) thiourea.
11. A composition comprising a base lipid or oil supplemented with an oxidative stability-enhancing amount of a compound of the formula:



wherein R is a C<sub>1</sub> - C<sub>20</sub> linear or branched alkyl, a C<sub>5</sub> - C<sub>7</sub> cycloalkyl, an alkoxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl, a hydroxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl, a C<sub>6</sub> - C<sub>7</sub> aryl, a hydroxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl or an alkoxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl, and wherein the composition has a greater oxidative stability than an oxidative stability of the base lipid or oil prior to supplementation with the compound.

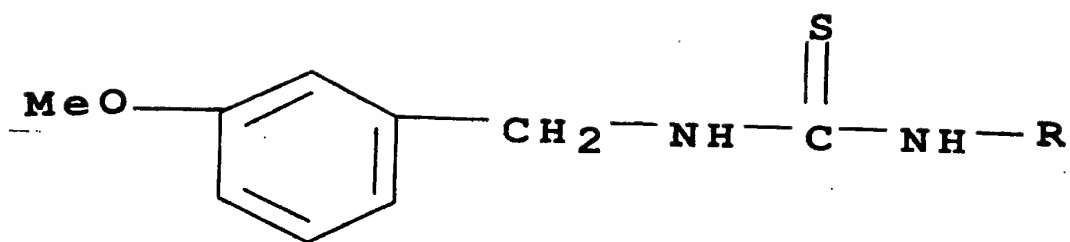
12. A composition of Claim 11 wherein R is a C<sub>1</sub> - C<sub>20</sub> linear or branched alkyl.

13. A composition of Claim 11 wherein R is a C<sub>5</sub> - C<sub>7</sub> cycloalkyl, an alkoxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl or a hydroxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl.
14. A composition of Claim 11 wherein R is a C<sub>6</sub> - C<sub>7</sub> aryl, a hydroxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl or an alkoxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl.
15. A composition of Claim 11 wherein the base lipid or oil is supplemented with from about 0.01 wt. % to about 5.0 wt. % of the compound, based on the total weight of the base lipid or oil.
16. A composition of Claim 15 wherein the base lipid or oil is supplemented with from about 0.05 wt. % to about 2.0 wt. % of the compound.
17. A composition of Claim 16 wherein the base lipid or oil is supplemented with from about 0.1 wt. % to about 1.0 wt. % of the compound.
18. A composition of Claim 14 wherein the compound is 1,3-di(3-methoxybenzyl)thiourea, 1-(3-methoxybenzyl)-3-ethyl-2-thiourea, 1-(3-methoxybenzyl)-3-propyl-2-thiourea, 1-(3-methoxybenzyl)-3-hexyl-2-thiourea, 1-(3-methoxybenzyl)-3-dodecyl-2-thiourea, 1-(3-methoxybenzyl)-3-(4-hydroxyphenyl)-2-thiourea or 1-(3-methoxybenzyl)-3-(3-methoxyphenyl)-2-thiourea.
19. A composition of Claim 18 wherein the compound is 1,3-di(3-methoxybenzyl)thiourea.
20. A composition of Claim 11 wherein the base lipid or oil is a seed oil or vegetable oil.
21. A composition of Claim 11 wherein the base lipid or oil is meadowfoam oil, peanut oil, corn oil, cottonseed oil, safflower oil, soybean oil, high oleic sunflower oil,

milkweed seed oil, rapeseed oil, palm oil, olive oil, jojoba wax ester, jojoba oil, lecithin or another vegetable oil.

22. A composition of Claim 21 wherein the base lipid or oil is jojoba oil, meadowfoam oil, high oleic sunflower oil, soybean oil or milkweed seed oil, and wherein the base lipid or oil is supplemented with from about 0.1 wt. % to about 1.0 wt. % of the compound.
23. A composition of Claim 11 wherein the base lipid or oil contains one or more benzylamine or N-substituted benzylamine compounds.
24. A composition of Claim 23 wherein the base lipid or oil is meadowfoam seed oil.
25. A composition of Claim 11 wherein the base lipid or oil is also supplemented with an oxidative stability-enhancing amount of one or more benzylamine or N-substituted benzylamine compounds.
26. A composition of Claim 11 wherein the composition exhibits an Oxidative Stability Index value of at least about 10% greater than an Oxidative Stability Index value of the base lipid or oil prior to supplementation with the compound when an Oxidative Stability Index test is carried out at a temperature between about 110°C and about 130 °C.
27. A composition of Claim 26 wherein the composition exhibits an Oxidative Stability Index value of at least about 100% greater than the Oxidative Stability Index value of the base lipid or oil.

28. A composition of Claim 27 wherein the composition exhibits an Oxidative Stability Index value of at least about 200% greater than the Oxidative Stability Index value of the base lipid or oil.
29. A composition of Claim 28 wherein the composition exhibits an Oxidative Stability Index value of at least about 500% greater than the Oxidative Stability Index value of the base lipid or oil.
30. A composition of Claim 29 wherein the composition exhibits an Oxidative Stability Index value of at least about 800% greater than the Oxidative Stability Index value of the base lipid or oil.
31. A composition of Claim 30 wherein the composition exhibits an Oxidative Stability Index value of at least about 1,000% greater than the Oxidative Stability Index value of the base lipid or oil.
32. A composition of Claim 31 wherein the composition exhibits an Oxidative Stability Index value of at least about 1,500% greater than the Oxidative Stability Index value of the base lipid or oil.
33. A method for enhancing the oxidative stability of a base lipid or oil comprising the step of combining the base lipid or oil with an oxidative stability-enhancing amount of compound of the formula:



wherein R is a C<sub>1</sub> - C<sub>20</sub> linear or branched alkyl, a C<sub>5</sub> - C<sub>7</sub> cycloalkyl, an alkoxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl, a hydroxy-substituted C<sub>5</sub> - C<sub>7</sub> cycloalkyl, a C<sub>6</sub> - C<sub>7</sub> aryl, a hydroxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl or an alkoxy-substituted C<sub>6</sub> - C<sub>7</sub> aryl.

34. A method of Claim 33 wherein the base lipid or oil is combined with from about 0.05 wt. % to about 2.0 wt. % of the compound.
35. A method of Claim 34 wherein the compound is 1,3-di(3-methoxybenzyl) thiourea, 1-(3-methoxybenzyl)-3-ethyl-2-thiourea, 1-(3-methoxybenzyl)-3-propyl-2-thiourea, 1-(3-methoxybenzyl)-3-hexyl-2-thiourea, 1-(3-methoxybenzyl)-3-dodecyl-2-thiourea, 1-(3-methoxybenzyl)-3-(4-hydroxyphenyl)-2-thiourea or 1-(3-methoxybenzyl)-3-(3-methoxyphenyl)-2-thiourea.
36. A method of Claim 35 wherein the compound is 1,3-di(3-methoxybenzyl) thiourea.